

=> d 1-31

09/753143  
STN Search Summary

=> d his

FILE 'CAPLUS' ENTERED AT 16:05:43 ON 27 JUL 2004

L1 2581 S BLM OR (BLOOM? (W) SYNDROME)  
L2 322 S L1 (P) GENE  
L3 157 S L2 (P) (MUTAT? OR ALTER? OR POLYMORPH?)  
L4 415 S L1 (S) GENE?  
L5 133 S L3 AND L4  
L6 59 S L5 AND PD<2000  
L7 31 S L5 AND PD<1998

L7 ANSWER 1 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:790643 CAPLUS  
TI The Bloom's syndrome gene product is a 3'-5' DNA helicase  
AU Karow, Julia K.; Chakraverty, Ronjon K.; Hickson, Ian D.  
SO Journal of Biological Chemistry (1997), 272(49), 30611-30614

L7 ANSWER 2 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:751467 CAPLUS  
TI BLM (the causative gene of Bloom syndrome) protein translocation into the nucleus by a nuclear localization signal  
AU Kaneko, Hideo; Orii, Koji O.; Matsui, Eiko; Shimozawa, Nobuyuki; Fukao, Toshiyuki; Matsumoto, Takehisa; Shimamoto, Akira; Furuichi, Yasuhiro; Hayakawa, Seiro; Kasahara, Kimiko; Kondo, Naomi  
SO Biochemical and Biophysical Research Communications (1997), 240(2), 348-353

L7 ANSWER 3 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:658186 CAPLUS  
TI Human disease genes related to cellular radiosensitivity and genome stability  
AU Ejima, Yosuke  
SO Jikken Igaku (1997), 15(16), 1945-1950  
DT Journal; General Review  
LA Japanese

L7 ANSWER 5 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:585003 CAPLUS  
TI Characterization of a new BLM mutation associated with a topoisomerase II.alpha. defect in a patient with Bloom's syndrome  
AU Foucault, Frederic; Vauray, Christelle; Barakat, Abdelhamid; Thibout, Deborah; Planchon, Philippe; Jaulin, Christian; Praz, Francoise; Amor-Gueret, Mounira  
SO Human Molecular Genetics (1997), 6(9), 1427-1434

L7 ANSWER 6 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:464505 CAPLUS  
TI Induction of the p53 response  
AU Yamaizumi, Masaru  
SO Tanpakushitsu Kakusan Koso (1997), 42(10), 1576-1584  
DT Journal; General Review  
LA Japanese

L7 ANSWER 7 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:450092 CAPLUS  
TI Methods for diagnosis and treatment of Bloom's syndrome.  
IN Ellis, Nathan; German, James; Groden, Joanna  
SO PCT Int. Appl., 51 pp.  
PATENT NO. KIND DATE APPLICATION NO. DATE  
-----  
PI WO 9717979 A1 19970522 WO 1996-US19046 19961115 <--  
US 5824501 A 19981020 US 1995-559303 19951115  
CA 2237356 AA 19970522 CA 1996-2237356 19961115 <--  
EP 862442 A1 19980909 EP 1996-942824 19961115  
US 6221643 B1 20010424 US 1998-175828 19981020  
US 2002102550 A1 20020801 US 2001-753143 20010102  
PRAI US 1995-559303 A 19951115  
WO 1996-US19046 W 19961115  
US 1998-175828 A1 19981020

L7 ANSWER 8 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:396161 CAPLUS  
TI Characterization of the human homolog of RAD54: a gene located on  
chromosome 1p32 at a region of high loss of heterozygosity in breast  
tumors  
AU Rasio, Debora; Murakumo, Yoshiki; Robbins, David; Roth, Tim; Silver,  
Aaron; Negrini, Massimo; Schmidt, Carl; Burczak, John; Fishel, Richard;  
Croce, Carlo M.  
SO Cancer Research (1997), 57(12), 2378-2383

L7 ANSWER 9 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:359438 CAPLUS  
TI rqh1+, a fission yeast gene related to the Bloom's and Werner's syndrome  
genes, is required for reversible S phase arrest  
AU Stewart, Elspeth; Chapman, Carolyn Riley; Al-Khodairy, Fahad; Carr, Antony  
M.; Enoch, Tamar  
SO EMBO Journal (1997), 16(10), 2682-2692

L7 ANSWER 10 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:263069 CAPLUS  
TI RecQ DNA helicase is a suppressor of illegitimate recombination in  
Escherichia coli  
AU Hanada, Katsuhiko; Ukita, Toshiyuki; Kohno, Yuko; Saito, Kazue; Kato,  
Jun-ichi; Ikeda, Hideo  
SO Proceedings of the National Academy of Sciences of the United States of  
America (1997), 94(8), 3860-3865

L7 ANSWER 11 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:54945 CAPLUS  
TI Microsatellite instability in B-cell lymphoma originating from Bloom  
syndrome  
AU Kaneko, Hideo; Inoue, Ryousuke; Yamada, Yukiji; Sukegawa, Kazuko; Fukao,  
Toshiyuki; Tashita, Hideaki; Teramoto, Takahide; Kasahara, Kimiko; Takami,  
Tsuyoshi; Kondo, Naomi  
SO International Journal of Cancer (1996), 69(6), 480-483

L7 ANSWER 12 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1996:658953 CAPLUS  
TI Genetic instability and human diseases

AU Umezu, Keiko; Maki, Hisaji  
SO Tanpakushitsu Kakusan Koso (1996), 41(15), 2335-2348  
DT Journal; General Review  
LA Japanese

L7 ANSWER 13 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1996:558681 CAPLUS  
TI Molecular genetics of Bloom's syndrome  
AU Ellis, Nathan A.; German, James  
SO Human Molecular Genetics (1996), 5(Rev. Issue), 1457-1463  
DT Journal; General Review

L7 ANSWER 14 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1996:429934 CAPLUS  
TI Physical mapping of the Bloom syndrome region by the identification of YAC  
and P1 clones from human chromosome 15 band q26.1  
AU Straughen, Joel; Ciocchi, Susan; Ye, Tian-Zhang; Lennon, David N.;  
Proytcheva, Maria; Alhadeff, Becky; Goodfellow, Peter; German, James;  
Ellis, Nathan A.; Groden, Joanna  
SO Genomics (1996), 35(1), 118-128

L7 ANSWER 15 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1996:359579 CAPLUS  
TI Bloom's syndrome. A disease due to the defect in a Rec Q DNA helicase  
AU Seki, Masayuki; Enomoto, Takemi  
SO Jikken Igaku (1996), 14(9), 1294-1296  
DT Journal; General Review  
LA Japanese

L7 ANSWER 16 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1996:286189 CAPLUS  
TI Bloom syndrome: Is the gene mapped to the  
point?  
AU Bamezai, R.  
SO Indian Journal of Experimental Biology (1996), 34(4), 298-301

L7 ANSWER 17 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1996:198581 CAPLUS  
TI Genome stability: failure to unwind causes cancer  
AU Watt, Paul M.; Hickson, Ian D.  
SO Current Biology (1996), 6(3), 265-7  
DT Journal; General Review

L7 ANSWER 19 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1995:984713 CAPLUS  
TI A DNA helicase in full Bloom  
AU Passarge, Eberhard  
SO Nature Genetics (1995), 11(4), 356-7 DECEMBER  
DT Journal; General Review

L7 ANSWER 20 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1995:970310 CAPLUS  
TI Somatic intragenic recombination within the mutated locus BLM can correct  
the high sister-chromatid exchange phenotype of Bloom syndrome cells  
AU Ellis, Nathan A.; Lennon, David J.; Proytcheva, Maria; Alhadeff, Becky;  
Henderson, Earl E.; German, James  
SO American Journal of Human Genetics (1995), 57(5), 1019-27

L7 ANSWER 21 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1995:949217 CAPLUS  
 TI The Bloom's syndrome gene product is homologous to RecQ helicases  
 AU Ellis, Nathan A.; Groden, Joanna; Ye, Tian-Zhang; Straughen, Joel; Lennon, David J.; Ciocchi, Susan; Proytcheva, Maria; German, James  
 SO Cell (Cambridge, Massachusetts) (1995), 83(4), 655-66

L7 ANSWER 22 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1995:574294 CAPLUS  
 TI DNA mutation induced in the sequence upstream of the secreted mu C-terminal coding sequence by ultraviolet irradiation in the cell line of Bloom's syndrome  
 AU Ozawa, T.; Kondo, N.; Motoyoshi, F.; Kasahara, K.; Orie, T.  
 SO European Journal of Immunogenetics (1995), 22(2), 163-9

L7 ANSWER 23 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1994:571675 CAPLUS  
 TI Chromosomal mapping of mouse genes expressed selectively within the central nervous system  
 AU Danielson, Patricia E.; Watson, Joseph B.; Gerendasy, Dan D.; Erlander, Mark G.; Lovenberg, Timothy W.; de Lecea, Luis; Sutcliffe, J. Gregor; Frankel, Wayne N.  
 SO Genomics (1994), 19(3), 454-61

L7 ANSWER 24 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1994:473092 CAPLUS  
 TI Bloom syndrome: An analysis of consanguineous families assigns the locus mutated to chromosome band 15q26.1  
 AU German, James; Roe, Anne Marie; Leppert, Mark F.; Ellis, Nathan A.  
 SO Proceedings of the National Academy of Sciences of the United States of America (1994), 91(14), 6669-73

L7 ANSWER 25 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1993:623421 CAPLUS  
 TI P53 mutation in fresh lymphocytes, B-lymphoblastoid cell lines and their transformed cell lines originating from Bloom syndrome patients  
 AU Shiraishi, Yukimasa  
 SO Cancer Genetics and Cytogenetics (1993), 68(1), 70-3